

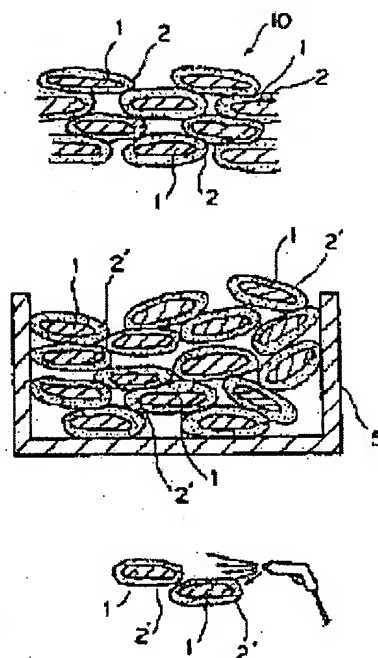
## VIBRATION-DAMPING MATERIAL

**Patent number:** JP4198272  
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**Classification:**  
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### Abstract of JP4198272

**PURPOSE:** To obtain the title material having an excellent vibration-damping function in a low-frequency region by forming a composite from a flaky material having a specified average primary natural frequency and a polymeric material.

**CONSTITUTION:** A vibration-damping material obtained by forming a composite from a flaky material having an average primary natural frequency of 50Hz to 1 KHz and a polymeric material. It can be manufactured, for example, by the following method. An aqueous emulsion, such as an acrylic or urethane emulsion, is sprayed onto the surface of a flaky powder 1 and dried to form a polymeric film 2' thereon. The powder is then filled in a metal mold 5 and molded with pressure or with pressure and heat to give vibration-damping material 10 comprising a composite formed from the flaky powder 1 and the polymeric material 2.



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